

Supplemental Lead and Copper Sampling

In accordance with 30 Texas Administrative Code (TAC) §290.117(n), the TCEQ is requiring your water system to conduct the following sampling within 30 days after the date of the letter you received directing you to perform supplemental sampling. The purpose of this sampling is to determine the status of your water system and ensure that it is maintaining a minimal level of corrosion.

1. Tap Water Lead and Copper Monitoring:

Explanation: You are required to conduct tap water lead and copper sampling for your system in accordance with 30 TAC §290.117(c)(2)(A) and 40 CFR § 141.86 within 30 days. The standard number of tap water lead and copper samples is determined by population, see table below.

Population	Number of Samples
1 - 100	5
101 - 500	10
501 - 3,300	20
3,301 – 10,000	40
10,001 – 100,000	60
101,001 or more	100

- **[Form 20683 \(Lead and Copper Rule \(LCR\) Chain of Custody\)](#)** - Electronic Submittal from Lab to TCEQ

2. Entry Point(s) Lead and Copper Monitoring

Explanation: You are required to conduct tap water lead and copper sampling at every entry point to your system's distribution in accordance with 30 TAC §290.117(d)(2)(A) and 40 CFR § 141.88 within 30 days.

- **[Form 20683 \(LCR Chain of Custody\)](#)** – Electronic Submittal from Lab to TCEQ

3. Distribution System Water Quality Parameter (WQP) Monitoring

Explanation: You are required to conduct distribution system WQP sampling at the applicable number of distribution sites for your system in accordance with 30 TAC §290.117(e)(2) and 40 CFR § 141.87 within 30 days. The applicable number of sampled is determined by population, see table titled Number of WQP Distribution Sample Sites below. Your system must monitor for the water quality parameters listed in the following table titled WQP Samples.

Number of WQP Distribution sample sites

Population	Number of Samples
1 - 100	1
101 - 500	1
501 - 3,300	2
3,301 – 10,000	3
10,001 – 100,000	10
101,001 or more	25

WQP Samples

Initial or Routine WQP Entry Point and Distribution Monitoring		
Monitoring Period	Initial/Routine WQP List	Location
Initial or routine monitoring	pH, alkalinity, calcium, conductivity, temperature, and orthophosphate ¹ or silica ²	Routine number of distribution sites

¹Orthophosphate (measured as phosphate-phosphorous (PO₄-P)) must be measured only when an inhibitor containing a phosphate compound is used; inhibitors that contain phosphate include orthophosphate and polyphosphate. ²Silica must be measured only when an inhibitor containing silicate compound is used.

- [Form 20679](#) – WQP sampling – Electronic Submittal from Lab to TCEQ

4. Entry Point(s) WQP Monitoring

Explanation: You are required to conduct the entry point WQP monitoring at every entry point to your system’s distribution in accordance with 30 TAC §290.117(e)(2) and 40 CFR § 141.87 within 30 days. See the table titled WQP Samples below.

WQP Samples

Initial or Routine WQP Entry Point and Distribution Monitoring		
Monitoring Period	Initial/Routine WQP List	Location
Initial or routine monitoring	pH, alkalinity, calcium, conductivity, temperature, and orthophosphate ¹ or silica ²	all entry point(s)

¹Orthophosphate (measured as phosphate-phosphorous (PO₄-P)) must be measured only when an inhibitor containing a phosphate compound is used; inhibitors that contain phosphate include orthophosphate and polyphosphate. ²Silica must be measured only when an inhibitor containing silicate compound is used.

- [Form 20679](#) – WQP sampling - Electronic Submittal from Lab to TCEQ